



CDJ420

Single or Dual Axis Joystick with 4-20 mA Output

The Control Devices CDJ420 Joystick can be supplied with a battery rail voltage anywhere from 8-30 Vdc. The CDJ420 Joystick supplies the appropriate voltage levels to both ends of the joystick pot taps, as well as the centre tap. The output from the joystick is 4-20mA. The CDJ420 can be configured to give 12mA as the centre current or 4mA as the centre current. The CDJ420 can be supplied with single output for each axis or dual output for each axis with separate power supplies where dual redundancy is requires. Directional switches are also provided if a discrete signal for displacement is required.

ELECTRICAL

Dielectric Strength	2500V
Insulation Resistance	10 ΜΩ
Supply Voltage	+8Vdc to +30Vdc
Current Consumption	40 mA
Over Current/Voltage Protection	Yes - TVS Diode
Polarity Protection	Yes - Diode
Output Type	Current
Number of Analogue inputs/outputs	2 (standard) or 4 (dual redundancy)
Output range	4-20 mA (Factory set – other ranges available on request)
Life	5 Million operations
EMC	TBA

ENVIRONMENTAL

Shock	TBA
Vibration	TBA
Ingress Protection	IP65
Operating Temperature Range	-40°C to +85°C
Weight	Approx.750g

MECHANICAL

Dimensions	See drawing
Life	5 Million operations









Rev: 06/2020

CDJ420

JC6000 with 4-20 mA Current Output

Part configuration:

NY – Single Axis Forward/Backward

XN – Single Axis Left/Right

XY – Dual Axis Forward/Backward/Left/Right

04 - mA Value for Backward & Left direction

20 - mA Value for Backward & Left direction

04 - mA Value for Centre Position

12 - mA Value for Centre Position (BCK&LFT will be 4mA FWD&RHT will be 20mA)

04 - mA Value for Forward & Right direction

20 - mA Value for Forward & Right direction

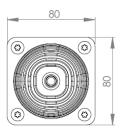
CDJ420 - X - XX - XX - XXX - XXXX - XXXX

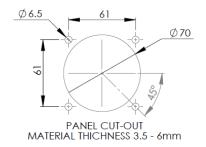
Custom Design Variable (Defined by Engineering)

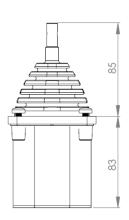
Handle Option (See handles)

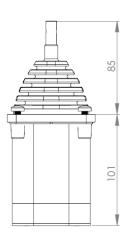
S - Standard output range

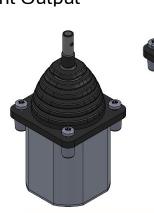
C - Custom output range (Other than 4-20mA range speak to sales representative)













HANDLE OPTIONS

HKN Knob



MG Handle



MDG Grip



RD1 Grip



'A' Handle



CDK Knob



DMD Handle



Custom
Handles
Contact our sales team
for custom options









